



OMB No. 0651-0011

**INFORMATION
DISCLOSURE
STATEMENT****Atty. Docket No.:**

55907USA7A.003

Serial No.:

09/803,708

Applicant(s):

Zai-Ming Qiu, John C. Clark, and Wayne W. Fan

Filing Date:

March 9, 2001

Group:

unknown

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date of Publication	Country	Class	SubClass	Translation
					Yes No

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

20		Van A. Went, SUPERFINE THERMOPLASTIC FIBERS, Industrial and Engineering Chemistry, Vol. 48, No. 8, pp. 1342-1346, August (1956)
		Murray Hauptschein ^{1a} and Robert A. Braun ^{1b} , THE REACTION OF ETHYL PERFLUOROBUTYRATE WITH SODIUM. AN IMPROVED SYNTHESIS OF PERFLUOROHEPTAN-4-ONE, JACS, Vol. 77, pp. 4930-4931, (1955)
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		TECHNICAL MANUAL & YEARBOOK OF THE AMERICAN ASSOCIATION OF TEXTILE CHEMISTS & COLORISTS (AATCC), AATCC Test Method 22, pp. 70-71, (1985)

*****DO NOT PUBLISH*** RELATED U.S. APPLICATIONS ***DO NOT PUBLISH*****

Examiner Initial	Document Number	Filing Date	Name	Title of Application
20	U.S.S.N. 09/592,105	06/12/00	Jariwala et al.	"WATER- AND OIL-REPELLENT COMPOSITION", pp. 1-91
	U.S.S.N. 09/803,708	03/09/01	Qiu	WATER-AND OIL-REPELLENCY IMPARTING ESTER OLIGOMERS COMPRISING PERFLUOROALKYL MOIETIES

EXAMINER

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Date Considered

12/10/02

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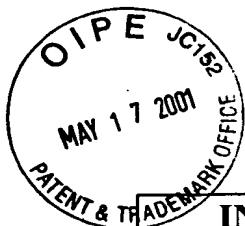
OMB No. 0651-0011

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 55907USA7A.003		Serial No.: 09/803,702					
	Applicant(s): Zai-Ming Qiu, John C. Clark, and Wayne W. Fan							
	Filing Date: March 9, 2001		Group: unknown					
U.S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
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		4,668,406	05/26/87	Chang				
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							Yes	No
Z		DE 3611302 A1	10/08/87	Germany			X *	
		858,671	11/11/61	Great Britian				
* English Abstract Attached								
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Z		Banks, Ed., ORGANOFLUORINE CHEMICALS AND THEIR INDUSTRIAL APPLICATIONS, Ellis Horwood Ltd., Chichester, England, pp. 226-234, (1979)						
		Roger W. Phillips ¹ and Robert H. Dettre ² , APPLICATION OF ESCA AND CONTACT ANGLE MEASUREMENTS TO STUDIES OF SURFACE ACTIVITY IN A FLUOROPOLYMER MIXTURE, Journal of Colloid and Interface Science, Vol. 56, No. 2, August (1976)						
EXAMINER Z				Date Considered 12/10/02				
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OMB No. 0651-0011

**INFORMATION
DISCLOSURE
STATEMENT****Atty. Docket No.:**

55907USA7A.003

Serial No.:

09/803,793

Applicant(s):

Zai-Ming Qiu, John C. Clark, and Wayne W. Fan

Filing Date:

March 9, 2001

Group:

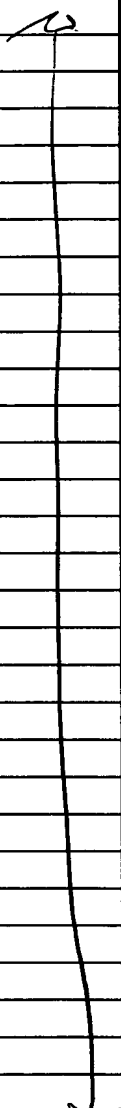
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		3,068,187	12/11/62	Bolstad et al.			
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EXAMINER**Date Considered**

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